

Please amend the application as follows:

IN THE CLAIMS:

Please amend claim 382 as follows:

382. (once amended) A method for producing and integrating a desired soft tissue at a selected site in a body of a human patient comprising:
- (a) Placing cells in said body of said human patient;
 - (b) Forming a bud at said selected site in said body of said human patient; and
 - (c) Growing and integrating said desired soft tissue in said body of said human patient from said bud.

Please add the following new claims:

389. The method of claim 382, wherein said cells comprise stem cells.
390. The method of claim 389, wherein said soft tissue comprises an artery.
391. The method of claim 382, wherein said cells comprise pluripotent cells.
392. The method of claim 391, wherein said soft tissue comprises an artery.
393. The method of claim 391, wherein said cells comprise stem cells.
394. The method of claim 393, wherein said stem cells are multifactorial and non-specific.

LISTING OF CLAIMS

Claims 1-381
(canceled)

Claim 382
(currently amended)

A method for producing and integrating a desired soft tissue at a selected site in a body of a human patient comprising:

- (a) Placing cells in said body of said human patient;
- (b) Forming a bud at said selected site in said body of said human patient; and
- (c) Growing and integrating said desired soft tissue in said body of said human patient from said bud.

Claim 383
(previously presented)

The method of claim 382, wherein said cells are multifactorial and non-specific.

Claim 384
(previously presented)

The method of claim 383, wherein said cells comprise stem cells.

Claim 385
(previously presented)

The method of claim 382 further comprising forming a new artery.

Claim 386
(previously presented)

The method of claim 383 further comprising forming a new artery.

Claim 387
(previously presented)

The method of claim 382, wherein said soft tissue comprises mesodermal tissue.

Claim 388
(previously presented)

The method of claim 382, wherein said soft tissue comprises an artery.

- Claim 389 (new) The method of claim 382, wherein said cells comprise stem cells.
- Claim 390 (new) The method of claim 389, wherein said soft tissue comprises an artery.
- Claim 391 (new) The method of claim 382, wherein said cells comprise pluripotent cells.
- Claim 392 (new) The method of claim 391, wherein said soft tissue comprises an artery.
- Claim 393 (new) The method of claim 391, wherein said cells comprise stem cells.
- Claim 394 (new) The method of claim 393, wherein said stem cells are multifactorial and non-specific.